

IN THE CLAIMS:

Please amend the claims as shown in the complete claim set for this application. This listing of claims will replace all prior claims in the application:

1-27. (Cancelled)

28. **(New)** A method for managing a software configuration update of a vehicle, the method comprising the steps of:

identifying an updated version of a first software module for a first electronic module on the vehicle;

obtaining vehicle configuration data representative of a current software configuration on the vehicle, wherein the vehicle configuration data includes the versions of software modules currently installed in electronic modules connected to the vehicle telematics unit over a vehicle communication bus, and the vehicle configuration data identifies interdependencies between the software modules;

determining whether the updated version of the first software module is compatible with the current software configuration; and

updating the first software module with the updated version by transferring the updated version of the first software module from the vehicle telematics unit to memory of the first electronic module via the communication bus if it is determined that the updated version of the first software module is compatible with the current software configuration.

29. **(New)** The method of claim 28, wherein the obtaining step further comprises retrieving the vehicle configuration data from a call center and the determining step further comprises determining at the call center whether the updated version of the first software module is compatible with the current software configuration.

30. **(New)** The method of claim 28, wherein the obtaining step further comprises obtaining the versions of the software modules currently installed in one or more

electronic modules connected to the vehicle telematics unit over a vehicle communication bus by interrogating the one or more electronic modules via the vehicle telematics unit.

31. **(New)** The method of claim 30, further comprising the step of:

providing the obtained versions of the software modules currently installed to the call center; and

wherein the determining step further comprises determining at the call center whether the updated version of the first software module is compatible with the current software configuration.

32. **(New)** The method of claim 30, wherein the obtaining step further comprises obtaining the interdependencies between the software modules from the call center, and the determining step further comprises determining at the vehicle telematics unit whether the updated version of the first software module is compatible with the current software configuration.

33. **(New)** The method of claim 28, wherein, if it is determined that the updated version of the first software module is not compatible with the current software configuration, then the method further comprises the step of replacing at least one of the other interdependent software modules with a version of the at least one other interdependent software module that is compatible with the updated version of the first software module.

34. **(New)** The method of claim 33, further comprising the steps of:

determining which of the other interdependent software modules conflicts with the updated version of the first software module; and

determining whether the conflicting software modules have a version available that is compatible with the updated version of the first software module.

35. **(New)** The method of claim 27, further comprising the step of issuing a software request to the call center for the updated version of the first software module.

36. **(New)** A method for managing a software configuration update of a vehicle, the method comprising the steps of:

identifying an updated version of a first software module available for installation in a first electronic module on the vehicle, wherein a previous version of the first software module is installed in the first electronic module on the vehicle;

obtaining the versions of one or more other software modules installed in one or more electronic modules on the vehicle;

identifying interdependencies between the updated version of the first software module and the one or more other software modules;

determining at the call center whether the updated version of the first software module is compatible with the obtained versions of the one or more other installed software modules; and

updating the first software module by transferring the updated version of the first software module from a vehicle telematics unit to the first electronic module via a communication bus if it is determined that the updated version of the first software module is compatible with the obtained versions of the one or more other installed software modules.

37. **(New)** The method of claim 36, wherein the step of identifying interdependencies further comprises retrieving vehicle configuration data from the call center, wherein the vehicle configuration data identifies interdependencies between the updated version of the first software module and one or more other software modules installed in the one or more electronic modules on the vehicle.

38. **(New)** The method of claim 36, wherein the obtaining step further comprises obtaining the versions of the one or more other software modules by interrogating one or more electronic modules installed with the one or more other software modules; and

wherein the electronic modules are interrogated by the vehicle telematics unit over the vehicle communications bus for the versions of the one or more other software modules installed in the one or more electronic modules.

39. **(New)** The method of claim 36, wherein the identifying interdependencies step further comprises identifying, at the call center, interdependencies between the updated version of the first software module and one or more other software modules installed in one or more of the electronic modules.

40. **(New)** The method of claim 36, wherein, if it is determined that the updated version of the first software module is not compatible with the obtained versions of the one or more other installed software modules, then the method further comprises the step of replacing at least one of the other installed software modules with a version of the at least one other installed software module that is compatible with the updated version of the first software module.

41. **(New)** The method of claim 40, further comprising the steps of:
determining which of the obtained versions of the one or more other installed software modules conflicts with the updated version of the first software module; and
determining whether the conflicting software modules have a version available that is compatible with the updated version of the first software module.

42. **(New)** The method of claim 36, wherein the step of identifying an updated version further comprises receiving a notification at the vehicle telematics unit from the call center that the updated version of the first software module is available for installation in the first electronic module on the vehicle.

43. **(New)** The method of claim 36, wherein the step of identifying an updated version further comprises issuing a software request for each software module installed in the one or more electronic modules on the vehicle on a periodic basis and determining whether the latest versions of the software modules are installed on the vehicle.

44. **(New)** A method for managing a software configuration update of a vehicle, the method comprising the steps of:

detecting at a vehicle telematics unit that a software module in an electronic module has been modified;

determining whether the modified software module is compatible with versions of other software modules currently installed on the vehicle, wherein the other software modules have interdependencies with the modified software module; and

if the modified software module is not determined to be compatible with the other interdependent software modules, replacing the version of at least one of the interdependent software modules so that the interdependent software modules are compatible with one another.

45. **(New)** The method of claim 44, wherein the replacing step further comprises replacing the modified software module with a previous version of the modified software module that is compatible with the versions of the other interdependent software modules.

46. **(New)** The method of claim 44, wherein the replacing step further comprises replacing the version of at least one of the other interdependent software modules with a version that is compatible with the modified software module.

47. **(New)** The method of claim 44, wherein, if the modified software module is determined to not be compatible with the versions of the other interdependent software modules currently installed on the vehicle, then the method further comprises the step of determining whether any versions of the other interdependent software modules are available that are compatible with the modified software module; and, if so,

then the replacing step further comprises replacing the version of at least one other interdependent software module currently installed on the vehicle with the available compatible version.

48. **(New)** The method of claim 44, further comprising the step of issuing a software flag to the call center in response to detecting that a software module on a electronic module has been modified.